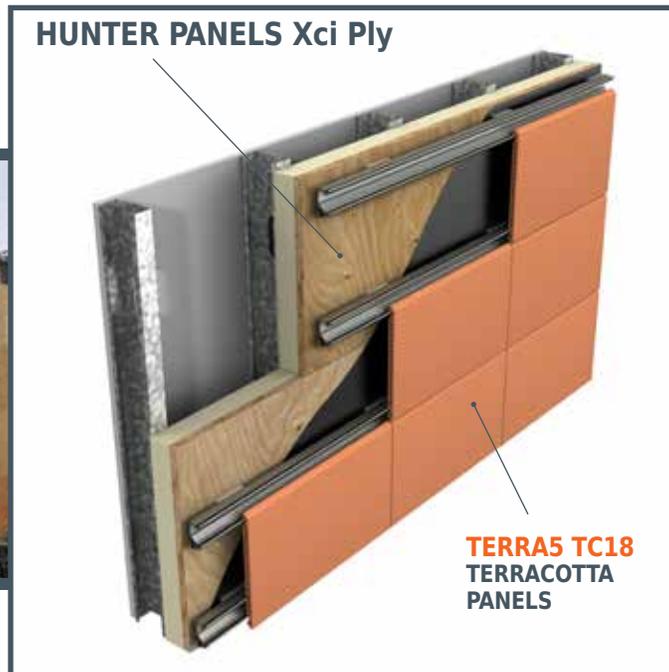


# Cladding Corp and Hunter Panels Xci Polyiso

## A Continuous Insulation Solution for Exterior Wall Applications



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HUNTER  
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### A NEW APPROACH

For the first time, Hunter Panels, innovators in polyiso rigid insulation, and Cladding Corp, North America’s rainscreen solution provider, have developed a complete terracotta rainscreen wall solution that addresses all aspects of the building envelope using the leading terracotta cladding panel - **Terra5**.

### THE COMPLETE C.I. SOLUTION

Meeting the most current ASHRAE 90.1, IECC, IBC and IRC standards is one of the most critical requirements for designers and installers alike. Hunter Xci Ply’s high thermal rigid insulation panel, coupled with an engineered **Terra5** drained and back-ventilated rainscreen assembly provides a complete continuous insulation (ci) solution that allows maximum installation flexibility and industry leading performance.

## Hunter Panels Xci Ply

### DESCRIPTION

Hunter Xci Ply is a high thermal rigid insulation panel composed of a closed cell polyisocyanurate foam core bonded to a premium performance coated glass facer on one side and 5/8” or 3/4” fire treated plywood on the other. It is designed for use in commercial wall applications to provide continuous insulation within the building envelope.

### FEATURES AND BENEFITS

- Polyiso offers highest R-value per inch of any foam plastic board insulation
- Designed for use in continuous insulation to assist in meeting the most current ASHRAE 90.1, IECC, IBC and IRC standards
- A superior combination of high insulating properties and mechanically attachable surface
- Manufactured with NexGen Chemistry: Contains no CFCs, HCFCs, is Zero ODP, and has virtually no GWP
- Incorporates APA-TECO Rated Exposure Fire Treated Plywood
- Provides improved dimensional stability and fire performance

### APPLICATIONS

- Provides continuous insulation (ci) for standard wood frame, FRT wood frame, steel stud, CMU and concrete exterior wall constructions
- Compatible with **Terra5** terracotta panels and rainscreen attachment assemblies.
- Optimal substrate for mechanically attaching cladding materials
- Suitable for many commercial wall assemblies

### PANEL CHARACTERISTICS

- ASTM C 1289 Type V made with Type II Class 2 foam
- Panel dimensions are 48” x 96”
- Available with FSC® Certified fire-treated plywood (special order)
- Multiple substrate types available: 5/8” or 3/4” Fire Treated Plywood

Hunter Xci Ply Thermal Values		
Thickness* (in)	Thickness* (mm)	R-Value
1.6	41	6.6
2.1	53	9.6
2.6	66	12.7
3.1	79	15.9
3.6	91	19.1

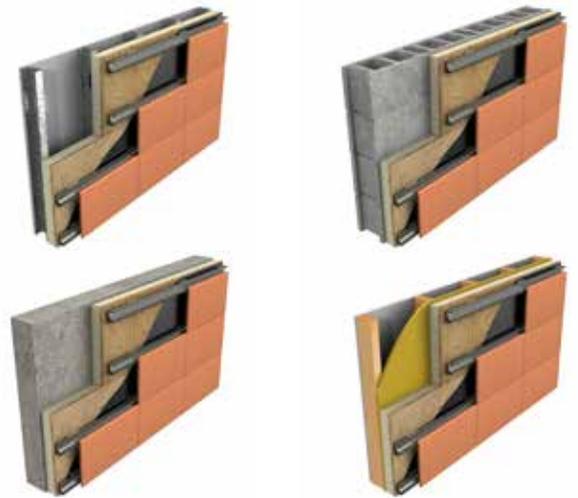
Thermal values as per ASTM C 518 in accordance with ASTM C 1289.  
\*Thicknesses calculated with 5/8” plywood

### COMPLIMENTARY PRODUCTS

The Hunter Panels and Cladding Corp partnership delivers a single source rainscreen cladding wall assembly - including the connections of the terracotta system to the Hunter Xci Ply panels and to the backup wall.

### CODE COMPLIANCE AND NFPA 285

The combined Hunter Xci Ply and **Terra5** wall assembly will meet ASHRAE 90.1, IBC and IRC standards, and can be used together within numerous NFPA 285 compliant assemblies. Contact Hunter Panels for more details.



Hunter Xci Ply Physical Property Data Chart polyiso foam core only		
Property	Test Method	Value
Compressive Strength	ASTM D 1621	20 psi* min. (138 kPa, Grade 2)
Dimensional Stability	ASTM D 2126	2% linear change (7 days)
Moisture Vapor Permeance	ASTM E 96	<1 perm (57.5ng/(Pa·s·m²))
Water Absorption	ASTM C 209	< 0.1% volume
Service Temperature		-100° to 250° F (-73°C to 122°C)
Resistance to Mold	ASTM D 3273	Passes (10)

\*Also available in grade 3 (25 psi)



For centuries, kiln-fired terracotta has been one of the most beautiful and long-lasting building materials that construction has known and has emerged as a timeless medium for modern rainscreen design. As one of North America's most referenced terracotta rainscreen providers, Cladding Corp provides a rainscreen solution that offers terracotta in a diverse range of colors and format sizes.

**STANDARD COLOR PALETTE**

The standard Terra5 color palette boasts 16 through-body colors across all of our rainscreen panel and sunscreen products.

CHOCOLATE	DEEP RED	EARTH RED	VENETIAN	FAWN	PUMPKIN	OCHRE	KRAFT
SESAME	OYSTER	LINEN	SILK GREY	PEBBLE GREY	ASH	CINDER	BLACK PEPPER

**Terra5 TC18**

**DESCRIPTION**

Designed to be a versatile and economical solution for terracotta rainscreen, the TC18 system offers the elegance and beauty of terracotta to fit any budget. TC18 is redefining the rules of terracotta cladding here in North America, without sacrificing the impact resistance of a double-skinned tile format. Paired with a horizontal rail system, TC18 offers limitless design possibilities for both retrofit and new-build construction.

**COMPATIBILITY**

Coupled with TC18's simple horizontal rail and panel system from Terra5, Hunter's Xci Ply gives the design community a cost effective wall to achieve both thermal and engineering needs, compared to complete stud wall assemblies.

**FASTENING**

Several factors are involved in the proper fastening of TC18 panels and horizontal rail to Hunter Xci Ply. Please consult Cladding Corp or Hunter Panels for specific information regarding detailing and fastener type.

**STANDARD SIZES**

TC18 panels come in a wide variety of heights and lengths, to accommodate any project. All panels are the same consistent thickness (18 mm / 0.71")

**Heights:** 200mm (7.87"), 250mm (9.84"), 300mm (11.81"), 350mm (13.78"), 400mm (15.75"), 450mm (17.72"), 500mm (19.69"), 600mm (23.62")

**Lengths:** 600mm (23.62"), 900mm (35.43"), 1200mm (47.24")

*Note: The 1200mm length is not available in the 200mm height.*

*\* The location and number of WRB's in the wall assembly are determined by the architect. Contact Hunter Panels for a list of approved WRB's for each assembly.*

**HUNTER PANELS Xci Ply**



Portero Launch - San Francisco, CA / HKS - San Francisco

TC18

**DESIGN SHAPES**

The shapes below are standard in the 300mm height tiles or can come in a variety of custom shapes. Please contact your Cladding Corp representative to assist in your project's design.

Standard

Grooved

Lines 24

Lines 48

Fin Convex 6

Wave Convex 10

# Terra5 TC30

## DESCRIPTION

A double-skinned terracotta cladding tile, TC30 combines the timeless beauty and warmth of extruded terracotta with the technical performance of a cutting-edge cladding material. The tile's characteristic fluted inner cavity and lowest classification of water absorption allows it to be both impact and pollution resistant - the perfect facade for high traffic areas.

In order to be as adaptable and versatile as possible, the TC30 system is available in modular heights and lengths - mix and match any height and length to create your façade design. The subframing system is designed for double-skinned terracotta tiles to limit water penetration and provide a mechanical solution for attachment.

## COMPATIBILITY

Coupled with TC30's vertical channel and tile clip system from Terra5, Hunter's Xci Ply gives the design community a cost effective wall to achieve both thermal and engineering needs, compared to complete stud wall assemblies.

## FASTENING

Several factors are involved in the proper fastening of TC30 panels and horizontal rail to Hunter Xci Ply. Please consult Cladding Corp or Hunter Panels for specific information regarding detailing and fastener type.

## STANDARD SIZES

TC30 panels come in a wide variety of standard heights and lengths, to accommodate any project. All panels are the same consistent thickness (30 mm / 1.18")

**Heights:** 200mm (7.87"), 250mm (9.84"), 300mm (11.81"), 350mm (13.78"), 400mm (15.75"), 450mm (17.72"), 500mm (19.69"), 600mm (23.62")

**Lengths:** 600mm (23.62"), 900mm (35.43"), 1200mm (47.24"), 1515mm (59.65")

*Note: The 1515mm length is not available in the 200mm or 250mm, height.*

*\* The location and number of WRB's in the wall assembly are determined by the architect. Contact Hunter Panels for a list of approved WRB's for each assembly.*

## HUNTER PANELS Xci Ply



University of Arkansas Bookstore - Fayetteville, AR / HLKB Architecture

The shapes below are standard in the 300mm height tiles or can come in a variety of custom shapes. Please contact your Cladding Corp representative to assist in your project's design.



## DESIGN SHAPES

## TC30